

被长毛。

产越南北部(Chapa),接近云南边境。中国可能也有。

8. 多毛鳞盖蕨

Microlepia pilosissima Ching, sp. nov.

植株高 1.1 米。根状茎粗而横走,直径 4 毫米,密被黑褐色针状毛。叶近生,柄长 40 厘米,粗约 5 毫米,褐棕色,下面圆形,上面有一条深狭的纵沟,密被开展的灰褐色长针状毛,有粗糙的斑痕;叶片长约 56—60 厘米,宽 34 厘米,长圆形,先端渐尖,二回羽状;羽片 20 对以上,几互生,开展,有柄(长 3 毫米),下部的不缩短,长 17 厘米,宽 3.5 厘米,阔披针形,基部卵圆形,先端长渐尖,有长尾头,一回羽状;小羽片 24 对,密接或略为复瓦状,长圆形,急尖,无柄,分离,开展,基部不对称,下侧楔形,上侧直截,与羽轴并行而密接,浅裂达于 1/2 处,有 5—7 个斜长圆形的小裂片,圆头,几为全缘。叶脉纤细,两面可见,在小裂片 2—3 对,斜上,单一或分叉。叶厚纸质,干后褐绿色,上面光滑,稍有光泽,下面脉上及脉间有长针状毛密生,叶轴及羽轴有同样的毛密生,开展。孢子囊群小形,2—3 个生于小裂片的上边,有时下边也有 1 个;囊群盖杯形,膜质,棕色,有长针状毛密生。

特产云南南部(硃山县)。生山谷林中,海拔 1200 米。

9. 亚粗毛鳞盖蕨

Microlepia substrigosa Tagawa in Acta Phytotax. et Geobot. V (1936) 189.

植株高 60 厘米。根状茎长而横走,粗约 3 毫米,密被栗色长针状毛。叶远生,叶柄长 30—50 厘米,基部粗 3 毫米,褐禾秆色,下面圆,被短褐色毛,上面有浅沟,几光滑;叶片长圆披针形,长 35 厘米,宽 20 厘米,先端渐尖,二回羽状;羽片约 18 对,基部对生,上部互生,相距 5 厘米,斜展,有柄(长 5 毫米),披针形,向基部渐阔,长 12—20 厘米,基部宽 3.5—4.5 厘米,向上渐变狭,先端长渐尖,基部不对称,上侧截形,下侧广楔形至圆形;小羽片 12—13 对,接近,有短柄(长 1 毫米),开展,近长圆形,长 2—2.2 厘米,宽约 1.1 厘米,基部下侧一片较长,先端略为钝头,少有急尖,基部不对称,上侧平截,与羽轴并行,下侧楔形,下部几片的边缘作羽状深裂;裂片倒卵形至长圆形,基部下侧一片最大,先端圆,全缘,少有一二浅缺刻。叶脉纤细,下面明显,上面仅可见,在裂片为羽状,细脉二叉分枝或向上为单一。叶草质,干后绿色;上下两面沿叶脉有针状长毛疏生,脉间光滑,叶轴及羽轴下面密被淡棕色短毛,上面有浅沟,几光滑。孢子囊群小,每小裂片上 1—3 枚,顶生脉端;囊群盖肾圆形,棕色,几光滑。

产台湾、江西(萍乡,武功山,南坪)。生密林阴处,海拔 600 米。日本南部屋久岛

pinnatifidumque simpliciter pinnata; pinnis liberis, ca. 8-jugis, alternis, patentibus, inferioribus ca. 3 cm inter se remotis, basalibus majoribus, ca. 5 cm longis, 1.8 cm basi latis, falcato-lanceolatis, brevi-acuminatis, sessilibus, basi utrinque inaequalibus, latere superiore rectis, inferiore cuneatis, ad dimidiam lobato-pinnatifidis vel in pinnis superioribus solum lobato-crenatis; lobis utroque latere costae 4—5-jugis, oblongis, obliquis, integris vel interdum apice leviter dentato-crenatis; nervis in lobis 3—4-jugis, indivisis, obliquis, utrinque prominulis; textura tenuiter herbacea, colore in sicco obscure viridi, paginis utrisque ad costas nervasque pilis 4 mm longis, setaceis, pallidis, adpressis densissime obtectis; soris ignotis.

Yunnan austr., Se-song-ban-nan, Yunnan Complex Expedition No. 314.

5. **Microlepidia modesta** Ching, sp. nov.

Rhizomate breve, repente, 2 mm crasso, pilis sat longis, pallide brunneis, luteis densissime oblecto; frondibus approximatis, stipite gracili, 5—7 cm longo, ca. 1 mm crasso, pallide stramineo, supra basin glabro; lamina 22 cm longa, 10 cm medio lata, ovato-oblonga, acuminata, deorsum decrescente, bipinnata; pinnis ca. 10-jugis, alternis, patentibus, subsessilibus, inferioribus abbreviatis, 3 cm inter se remotis, superioribus approximatis, basalibus 2.5—3 cm longis, 2 cm latis, sequentibus gradatim majoribus, mediis 5—6 cm longis, 2—2.5 cm basi latis, e basi latiore lanceolatis, acuminatis, basi subcordato-truncatis, utroque latere aequalibus, pinnatis; pinnulis ca. 10-jugis, approximatis, patentibus, oblongis, apice obtusis, dentatis, basi inaequalibus, antice truncatis, postice cuneatis, ad costam angustissime alatum decurrentibus, utroque costae latere ad dimidiam lobatis; lobis 2—3-jugis, rotundatis, dentatis; nervis tenuibus, in lobis furcatis, infra prominulis, supra obscuris; textura herbacea, pagina supra glabra, infra ubique breviter molliter puberula; soris minutis, uno pro lobo ad sinum positus, indusiis parvis, reniformibus, pallide virentibus, basi adnatis, cetera liberis, sparse puberulis.

Anwei austr., in the vicinity of Whang Shan, leg. P. C. Tsoong No. 18.

8. **Microlepidia pilosissima** Ching, sp. nov.

Rhizomate late repente, 4 mm crasso, pilis atro-rufis, patentibus, sat longis densissime oblecto; frondibus, solitariis, stipite 40 cm longo, 5 mm diametro, stramineo, nudesciente, ad basin aspero; lamina 50—60 cm longa, 34 cm basi lata, oblongo-deltaeidea, acuminata, bipinnata vel subtripinnatifida; pinnis ca. 20-jugis, alternis, oblique patentibus, inferioribus 8 cm inter se remotis, basalibus non abbreviatis, 17 cm longis, 3.5 cm latis, lanceolatis, caudato-acuminatis, basi aequaliter rotundatis, petiolatis (petiolo 3 mm longo), pinnatis; pinnulis 24-jugis, contiguis, patentibus, sessilibus, basalibus ad 3 cm longis, sequentibus brevioribus, acutis, acroscopico productis, basi inferiore cuneatis, utroque profunde pinnatifidis; segmentis in pinnulis basalibus anterioribus 5—7-jugis, in sequentibus 3—4-jugis, oblongis, obtusis, integris; nervis in segmentis pinnatis, nervulis 2—3-jugis, simplicibus aut furcatis, utrinque prominulis; textura crasso chartacea, colore in sicco supra obscure viridi, glabra, infra griseo-virente, ad costas nervasque pilis longis, griseo-brunneis, adpressis densissime oblecta; soris magnis, uno pro segmento ad marginem superiorem positus, indusiis semicupuliformibus, dense strigosis.

Yunnan, Yan-shan, Pie-shih-eih, 1200 m alt., in wooded valley, leg. C. W. Wang No. 84728, XI, 27, 1939.

9. **Microlepidia trichosora** Ching, sp. nov.

Species statura et dimensione *M. herbaceae* Ching et C. Chr. affinis, differt lamina